

SFOBB East Span Update



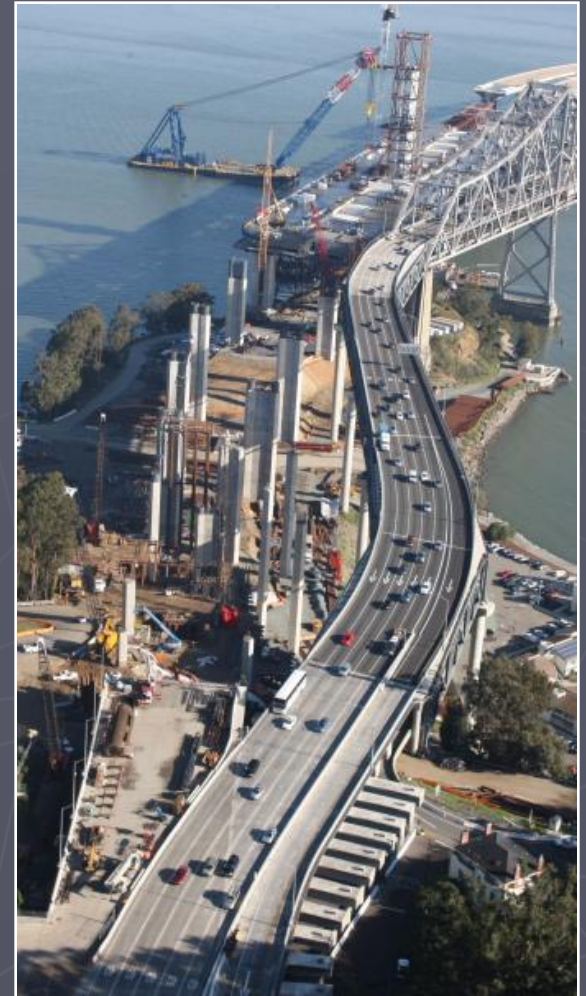
Oakland Touchdown



Self-Anchored
Suspension Span
(SAS)



Yerba Buena Island
Transition Structures
(YBITS)





A 3D perspective rendering of a bridge deck under construction. The deck is composed of white rectangular segments. A central tower is being lifted into place, highlighted in bright green. The bridge is supported by three foundations labeled E2, T1, and W2. The background is a dark blue sky.



**E2
Foundation**

Tower Lift 4 is being
placed now.

**T1
Foundation**

**W2
Foundation**

SAS Construction Status

-  **Lift Completed**
-  **Next Scheduled Lift**













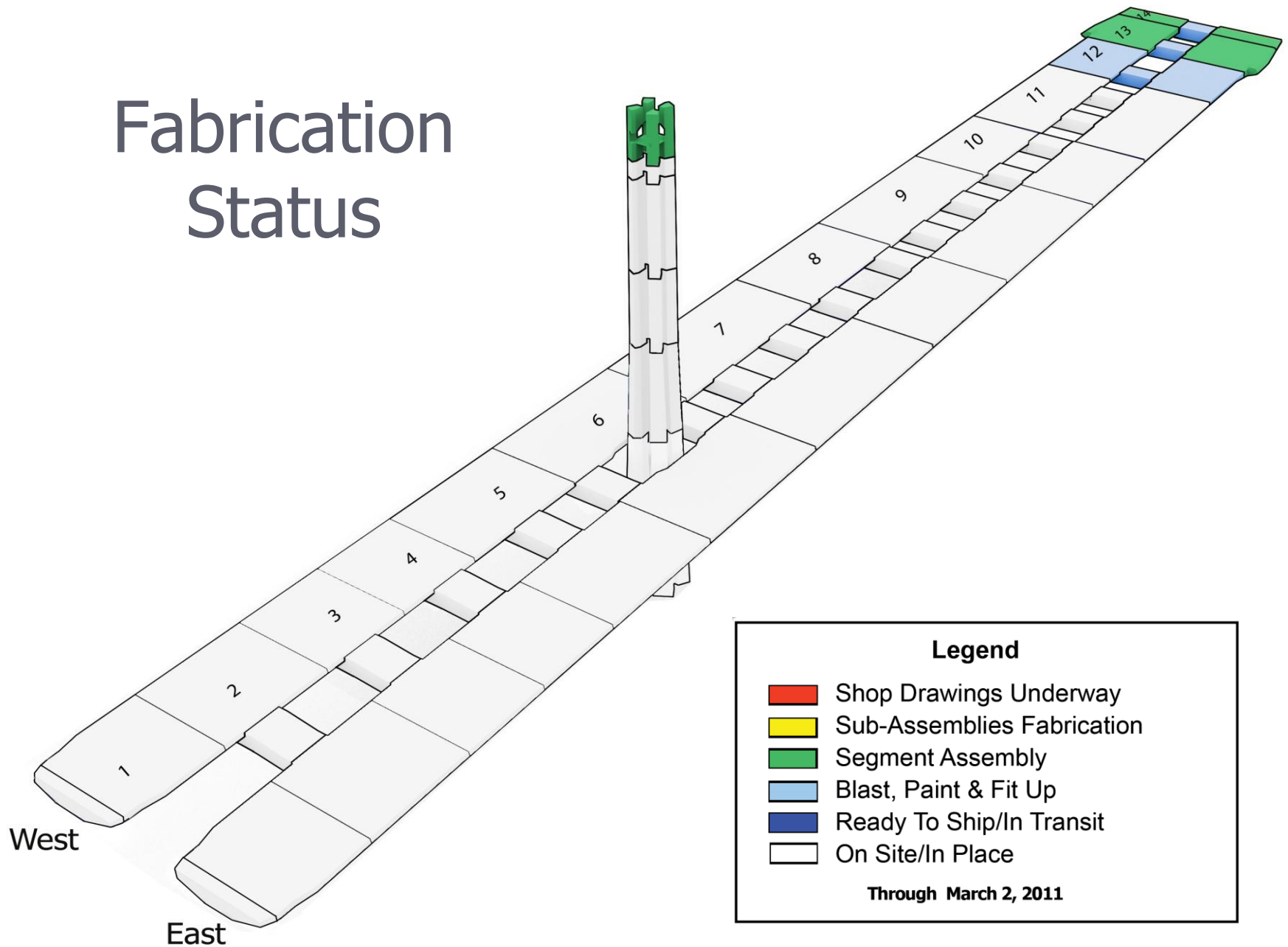








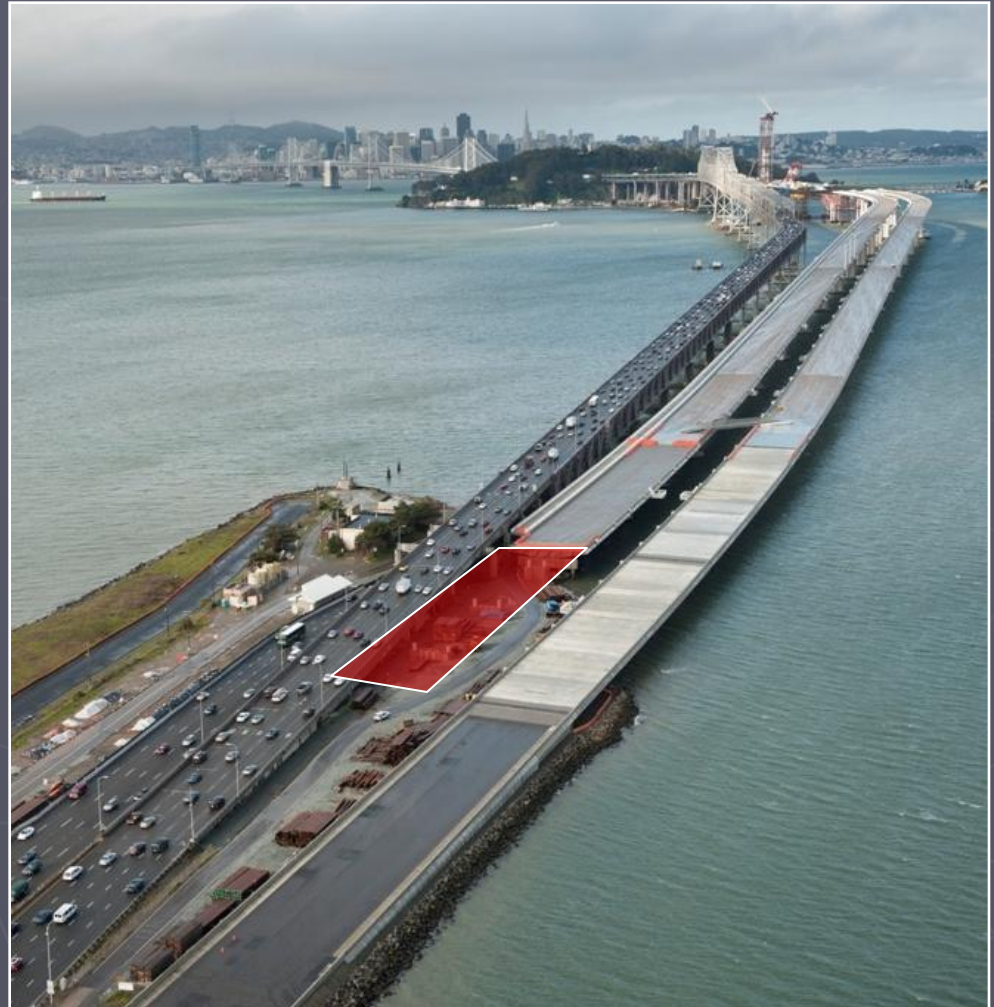
Fabrication Status

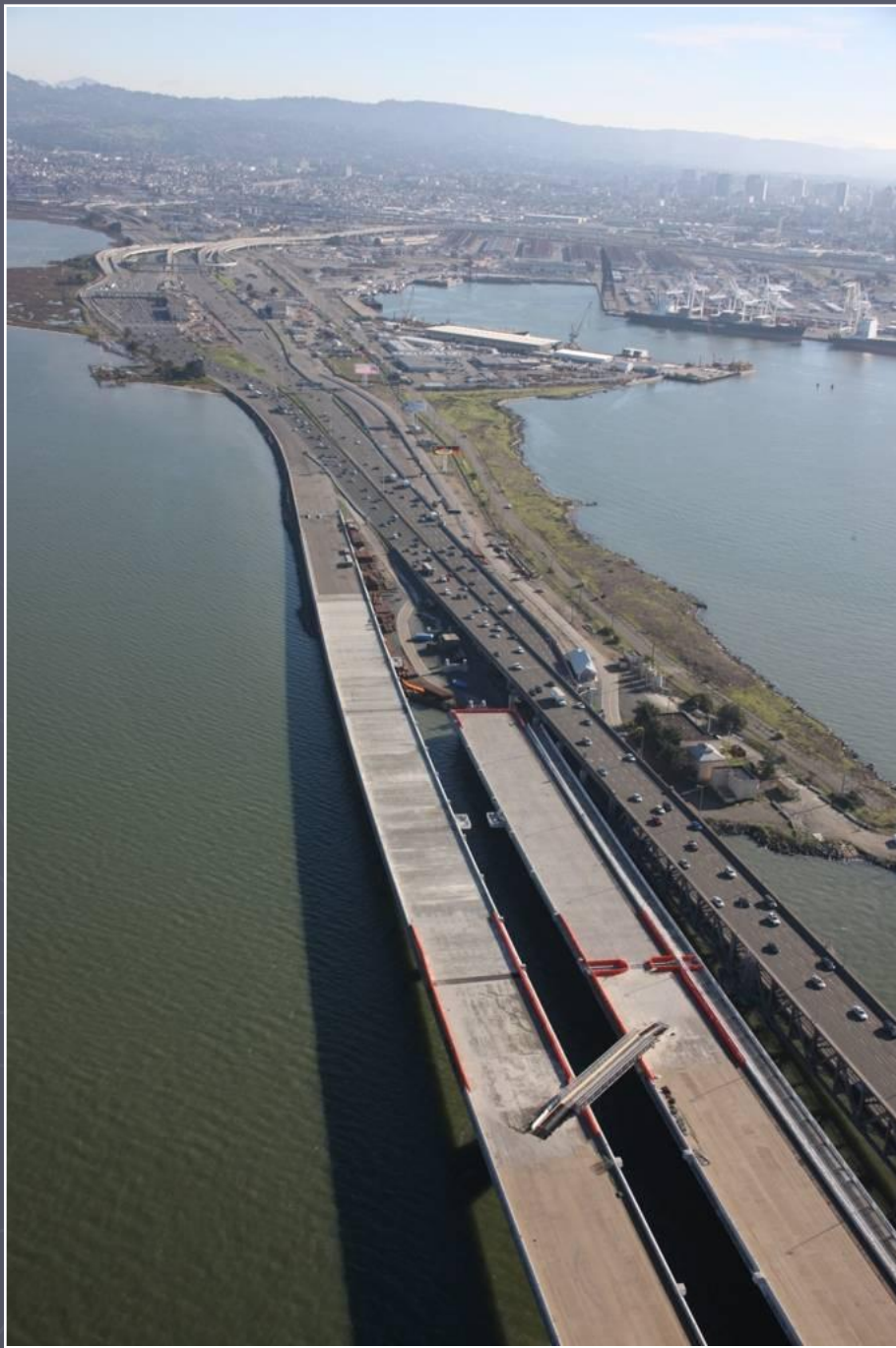


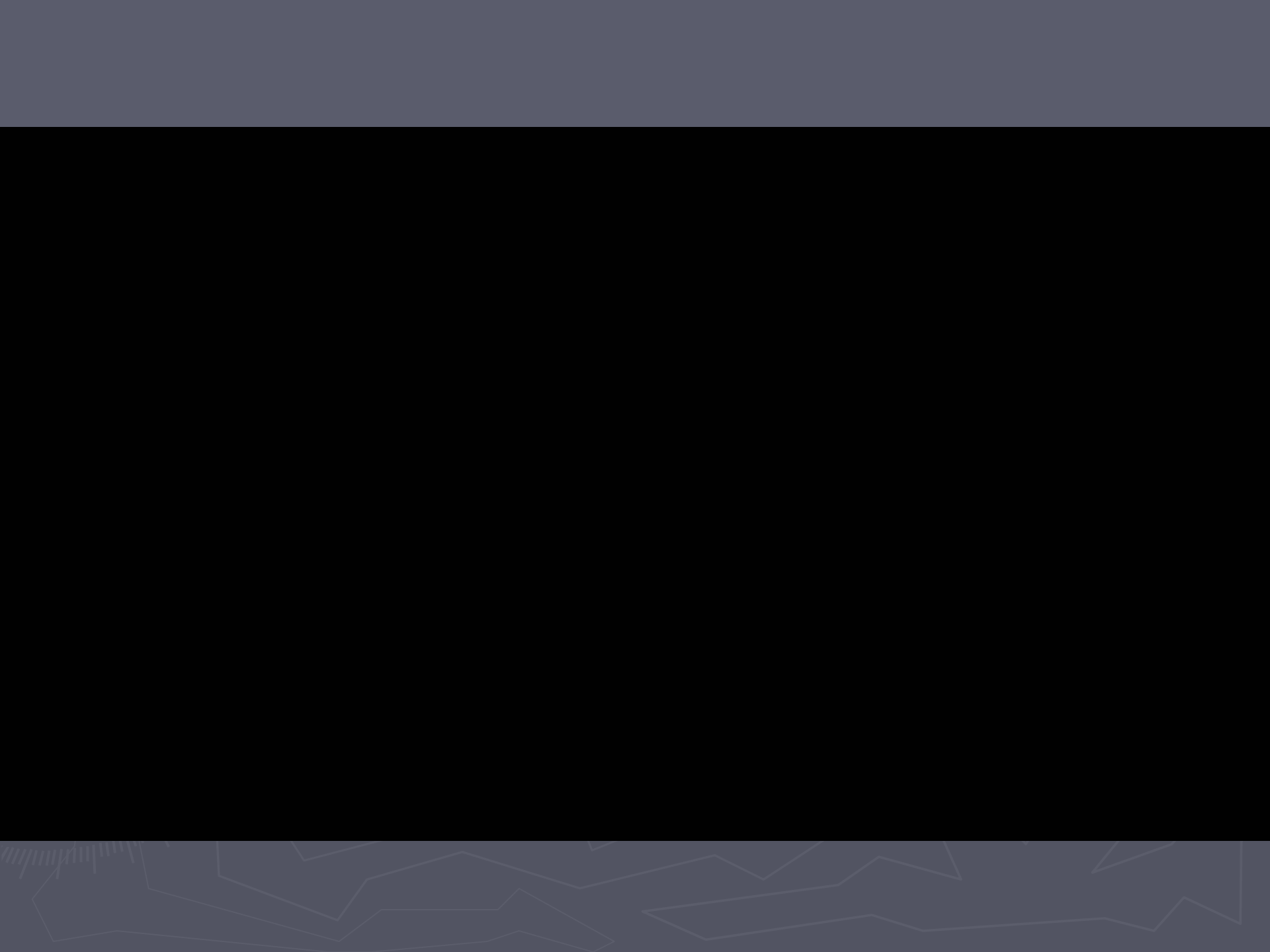


Oakland Detour

- ▶ San Francisco (west) bound approach is ready for traffic.
- ▶ Oakland (east) bound approach can not be completed until portion of upper deck of existing bridge is removed.
- ▶ Proposed detour shifts traffic south and allows for demolition of portion of upper deck.
- ▶ Allows for both directions of new bridge to be opened at same time.








Yerba Buena Island Transition Structures

- ▶ Constructs the approach structures from the SAS to the YBI tunnel
- ▶ Contract was awarded in early 2010, assuming a staggered opening of the bridge.
- ▶ Since the bridge is now slated for opening simultaneously in both directions at the end of 2013, work on the YBITS contract needs to be accelerated to match the SAS traffic ready schedule.

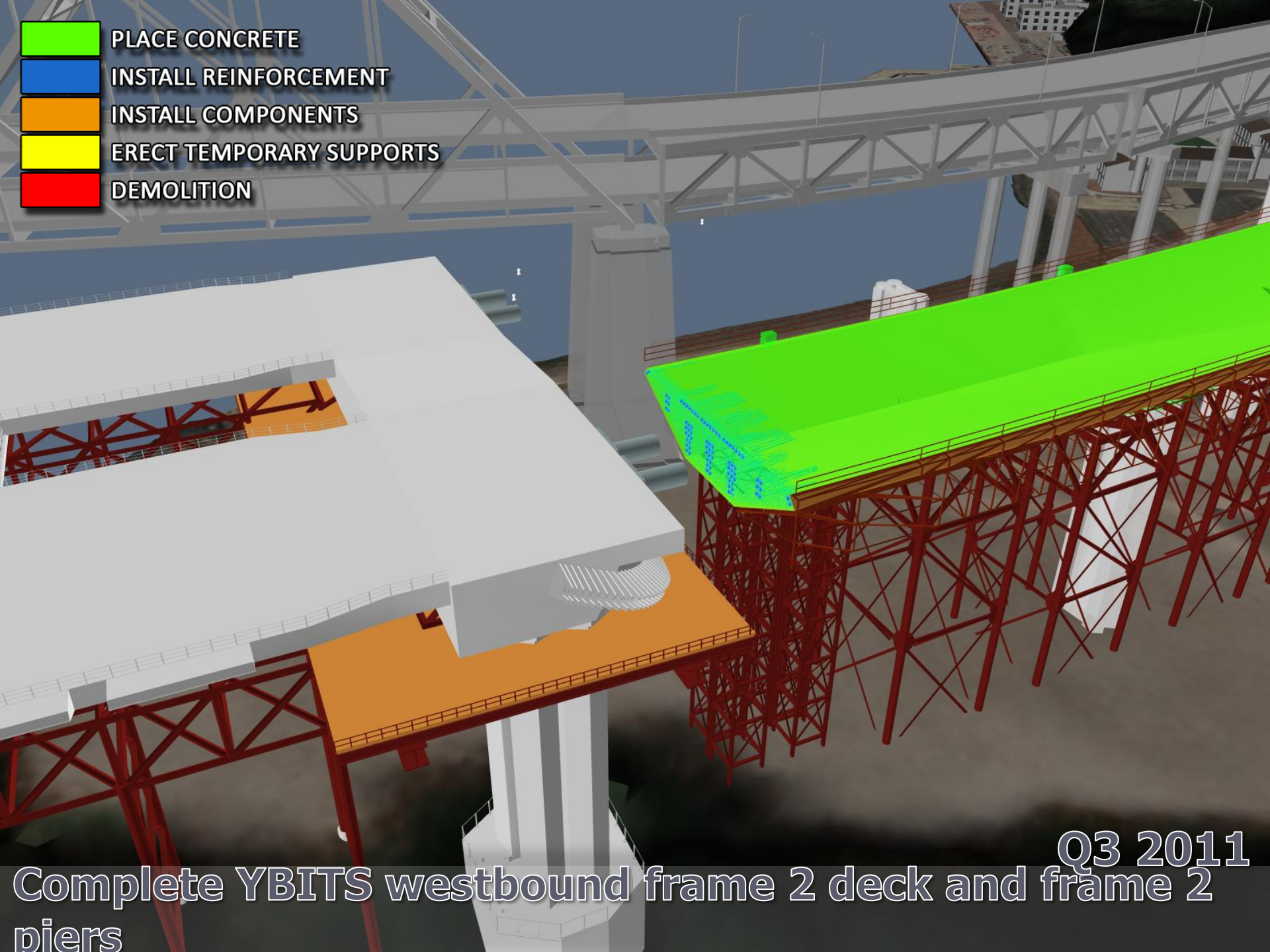




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- PLACE CONCRETE
 - INSTALL REINFORCEMENT
 - INSTALL COMPONENTS
 - ERECT TEMPORARY SUPPORTS
 - DEMOLITION

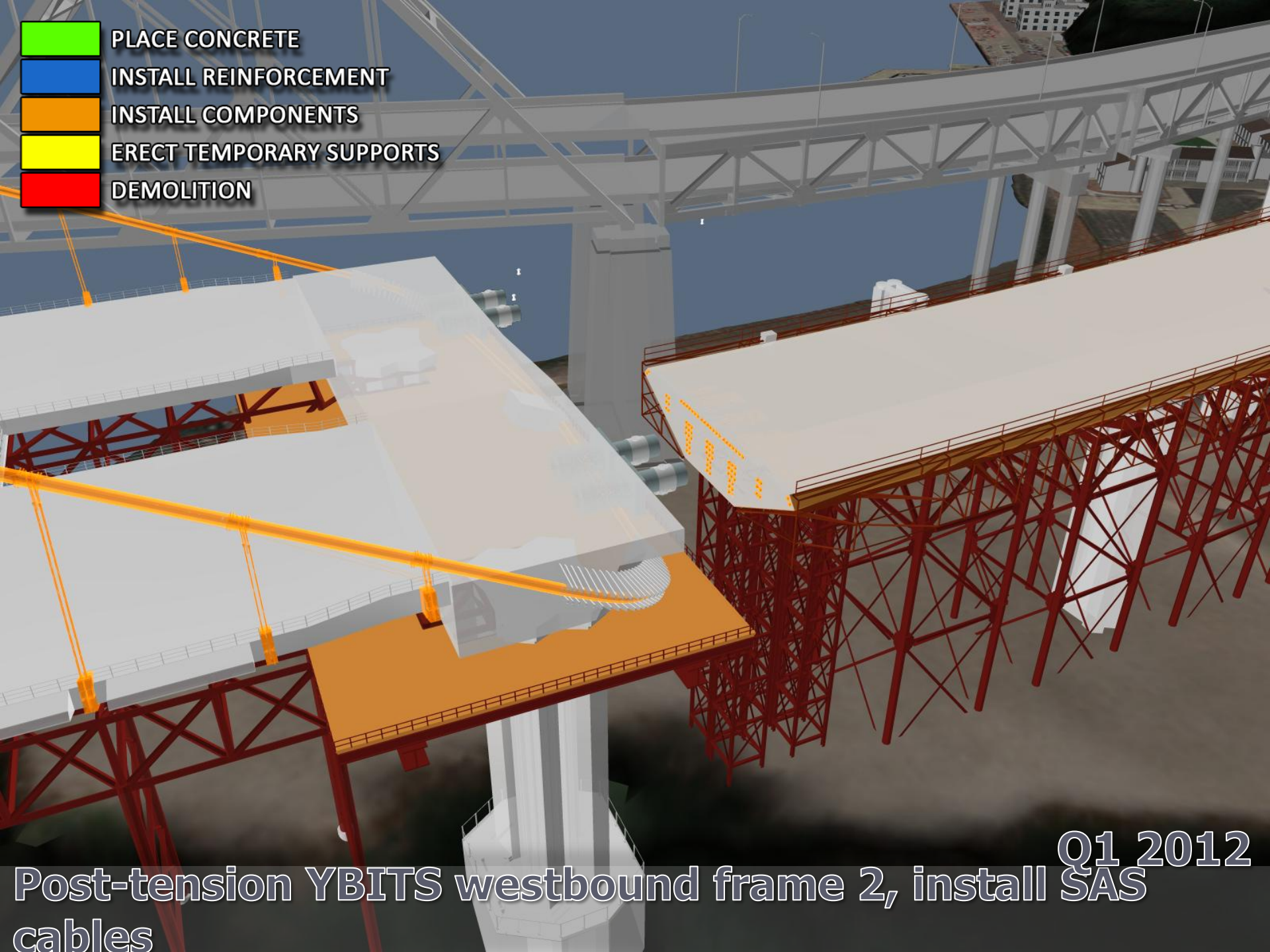
Q4 2010

Install Hinge KW and Hinge KE pipe beams

- 
- A 3D construction simulation of a bridge deck and piers. The image shows a large bridge structure with multiple piers and a deck. The bridge is supported by a complex network of red steel trusses. The deck is shown in a light gray color, and the piers are also in light gray. The bridge is set against a blue sky and a cityscape in the background. The simulation highlights different construction phases using color-coded areas: green for concrete placement, blue for reinforcement, orange for components, yellow for temporary supports, and red for demolition. The bridge is shown in a perspective view, with the deck extending from the foreground towards the background.
- PLACE CONCRETE
 - INSTALL REINFORCEMENT
 - INSTALL COMPONENTS
 - ERECT TEMPORARY SUPPORTS
 - DEMOLITION

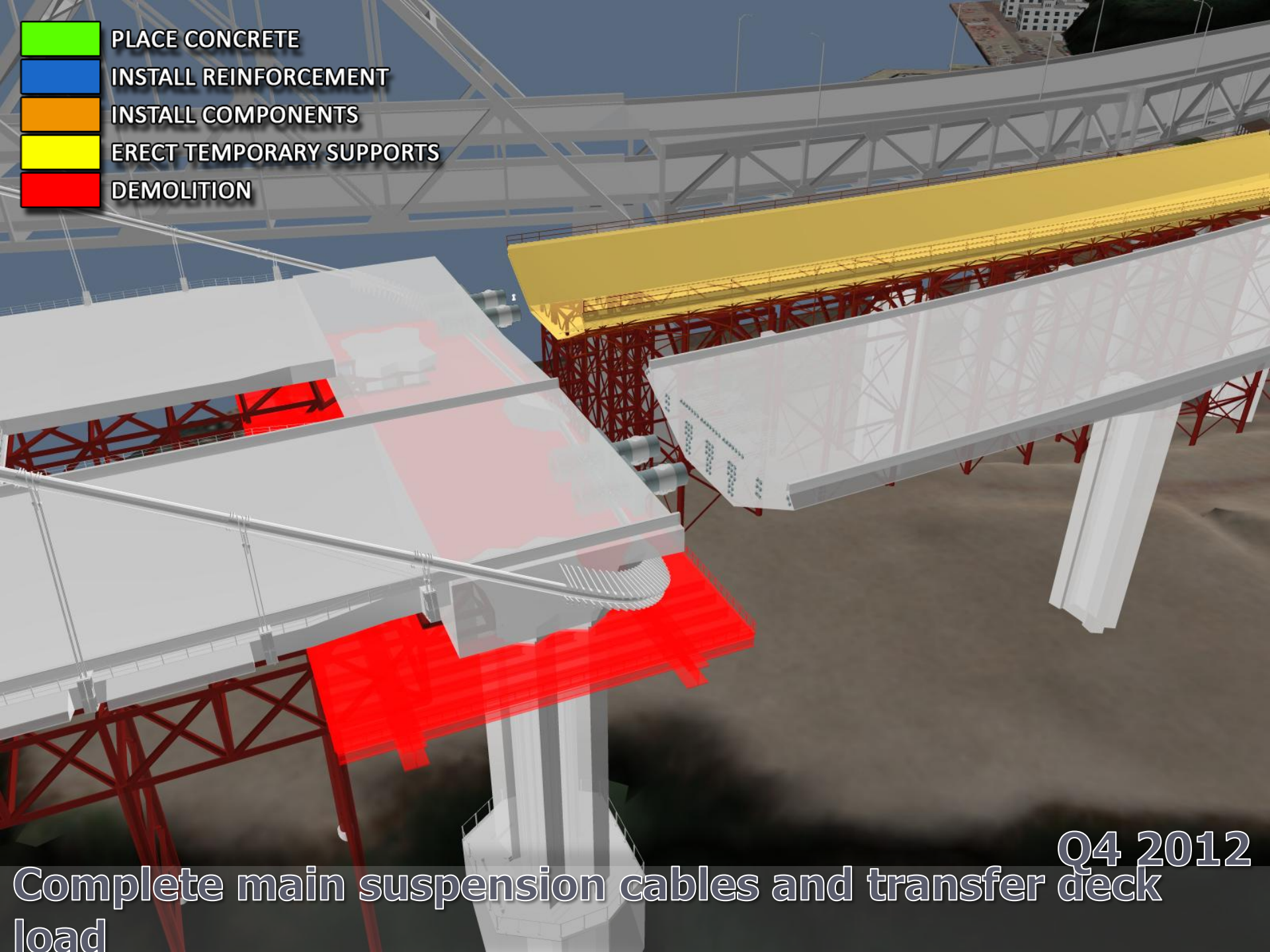
Q3 2011

Complete YBITS westbound frame 2 deck and frame 2 piers

- 
- PLACE CONCRETE
 - INSTALL REINFORCEMENT
 - INSTALL COMPONENTS
 - ERECT TEMPORARY SUPPORTS
 - DEMOLITION

Q1 2012

Post-tension YBITS westbound frame 2, install SAS
cables

- 
- A 3D construction simulation of a bridge deck transfer. The image shows a large bridge structure with a deck being moved from one support to another. The deck is supported by a temporary steel truss structure. The simulation uses color-coding to indicate different construction phases: green for placing concrete, blue for installing reinforcement, orange for installing components, yellow for erecting temporary supports, and red for demolition. The deck is currently in the process of being moved, with the temporary supports (yellow) and the area to be demolished (red) clearly visible. The background shows a city skyline and a body of water.
- PLACE CONCRETE
 - INSTALL REINFORCEMENT
 - INSTALL COMPONENTS
 - ERECT TEMPORARY SUPPORTS
 - DEMOLITION

Q4 2012

Complete main suspension cables and transfer deck load

- 
- A 3D construction simulation of a bridge hinge repair project. The image shows a bridge structure with a central hinge area highlighted in yellow, indicating the current phase of work. The bridge is supported by large concrete piers. A red steel truss structure is visible beneath the bridge deck. The background shows a cityscape with buildings and a clear sky. The simulation is overlaid with a semi-transparent white layer, and various components are color-coded according to the legend.
- PLACE CONCRETE
 - INSTALL REINFORCEMENT
 - INSTALL COMPONENTS
 - ERECT TEMPORARY SUPPORTS
 - DEMOLITION

Q4 2012

Install Hinge KW soffit panels

- 
- A 3D construction simulation of a bridge joint assembly. The image shows a bridge deck with a large opening where a new joint is being installed. The joint is supported by a temporary structure. The simulation uses color-coding to indicate different construction phases: green for placing concrete, blue for installing reinforcement, orange for installing components, yellow for erecting temporary supports, and red for demolition. The bridge deck is shown in a semi-transparent grey, revealing the internal structure and the joint assembly. The background shows a cityscape and a body of water.
- PLACE CONCRETE
 - INSTALL REINFORCEMENT
 - INSTALL COMPONENTS
 - ERECT TEMPORARY SUPPORTS
 - DEMOLITION

Q2 2013

Install Hinge KW seismic joint assembly

- 
- A 3D architectural rendering of a bridge under construction. The bridge structure is shown in a light gray, semi-transparent style, revealing internal components. A bright green rectangular area on the bridge deck indicates the current construction phase. A red truss structure is visible beneath the bridge deck on the left side. The background shows a cityscape with buildings and a clear blue sky. A legend in the top-left corner provides a color key for the construction phases.
- PLACE CONCRETE
 - INSTALL REINFORCEMENT
 - INSTALL COMPONENTS
 - ERECT TEMPORARY SUPPORTS
 - DEMOLITION

Q2 2013

Hinge KE (eastbound) under construction (similar to KW)

- 
- A 3D architectural rendering of a bridge under construction. The bridge deck is shown in a semi-transparent grey, revealing the internal steel truss structure. Several concrete piers support the bridge. A red truss structure is visible on the left side, likely part of a temporary support or a completed section. The background shows a cityscape with buildings and a clear sky.
-  PLACE CONCRETE
 -  INSTALL REINFORCEMENT
 -  INSTALL COMPONENTS
 -  ERECT TEMPORARY SUPPORTS
 -  DEMOLITION

Q3 2013

Hinge KE (eastbound) complete, EB ready for traffic

Potential Draw on Program Contingency

